

Title (en)
BENT-SEGMENT HELICAL ANTENNA

Title (de)
WENDELANTENNE MIT GEBOGENEN SEGMENTEN

Title (fr)
ANTENNE HELICOIDALE A SEGMENT COUDE

Publication
EP 0920712 B1 20060503 (EN)

Application
EP 97938093 A 19970731

Priority
• US 9713585 W 19970731
• US 69002396 A 19960731

Abstract (en)
[origin: WO9805090A1] A bent-segment helical antenna (700A, 700B) utilizes one or more radiators (720) wrapped in a helical fashion. The radiators (720) are comprised of a plurality of segments (712, 714, 716). A first segment (712) extends from a feed network (730) at a first end (732) of a radiator portion (702) of the antenna (700A, 700B) toward a second end (734) of the radiator portion (702A, 702B). A second segment (714) is adjacent to and offset from the first segment (712). A third segment (716) connects the first and second segments (712, 714) at the second end (734) of the radiator portion (702A, 702B).

IPC 8 full level
H01Q 1/38 (2006.01); **H01Q 11/08** (2006.01); **H01Q 1/36** (2006.01)

CPC (source: EP KR US)
H01Q 1/36 (2013.01 - KR); **H01Q 1/362** (2013.01 - EP US); **H01Q 11/08** (2013.01 - EP KR US)

Cited by
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WO 9805090 A1 19980205; AR 008132 A1 19991209; AT E325440 T1 20060615; AU 4049997 A 19980220; AU 734079 B2 20010531; BR 9710798 A 20020604; CA 2261959 A1 19980205; CA 2261959 C 20031209; CN 1231774 A 19991013; DE 69735807 D1 20060608; DE 69735807 T2 20061221; EP 0920712 A1 19990609; EP 0920712 B1 20060503; HK 1020805 A1 20000519; IL 128271 A0 19991130; IL 128271 A 20020814; JP 2001501386 A 20010130; KR 20000029757 A 20000525; RU 2208272 C2 20030710; TW 340267 B 19980911; US 6278414 B1 20010821; ZA 976609 B 19980729

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